

INTERNATIONAL SEARCH REPORT

IB2004/052015

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G11B7/135

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 775 967 A (SHIMADA ET AL) 4 October 1988 (1988-10-04) column 4, lines 27-65; figure 4 column 19, lines 24-37; figure 19 -----	1,12
A	WO 02/49024 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 20 June 2002 (2002-06-20) cited in the application pages 4-13 -----	1-14
A	US 5 657 164 A (SHUMAN ET AL) 12 August 1997 (1997-08-12) column 6, line 15 - column 7, line 44; figures 3,4 -----	1,12

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

8 April 2005

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